

JCC9 Rec'd PCT/PTO 16 JUN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Dominic WALSH et al. : Mail Stop: PCT

Serial No. NEW : Attorney Docket No. 2005\_0985A

METAL OR METAL OXIDE POROUS MATERIAL AND CATALYST, PREPARED BY USE OF DEXTRAN OR RELATED SOLUBLE CARBOHYDRATE POLYMER AS AN AGENT TO FORM POROUS THREE-DIMENSIONAL ARCHITECHTURES FROM METAL SALTS OR PREFORMED PARTICLES

[Corresponding to PCT/JP02/13183]

Filed December 17, 2002

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- each U.S. Patent and U.S. Patent application publication;
  - each reference previously cited in the international application PCT/JP02/13183; and/or
  - each reference previously cited in prior parent application Serial No.

ATTACHMENT C

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.H./

- 1a.  This Information Disclosure Statement is submitted:  
within three months of the filing date (or of entry into the National Stage) of the  
above-entitled application, or  
before the mailing of a first Office Action on the merits or the mailing of a first Office  
Action after the filing of an RCE,  
**and thus no certification and/or fee is required.**
- 1b.  This Information Disclosure Statement is submitted  
after the events of above paragraph 1a and prior to the mailing date of a final Office  
Action or a Notice of Allowance or an action which otherwise closes prosecution in the  
application, and thus:  
(1)  the certification of paragraph 2 below is provided, or  
(2)  the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.
- 1c.  This Information Disclosure Statement is submitted:  
after the mailing date of a final Office Action or Notice of Allowance or action which  
otherwise closes prosecution in the application, and prior to payment of the issue fee, and  
thus:  
**the certification of paragraph 2 below is provided, and**  
**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified
- a.  that each item of information contained in this Information Disclosure  
Statement was first cited in any communication from a foreign patent office in a  
counterpart foreign application not more than three months prior to the filing of  
the Statement, or
  - b.  that no item of information contained in the Information Disclosure Statement  
was cited in a communication from a foreign patent office in a counterpart

JC09 Rec'd PCT/PTO 16 JUN 2005

foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3.  Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
  - a.  a full or partial English language translation submitted herewith,
  - b.  a foreign patent office (International) search report (in the English language) submitted herewith (Attachment F),
  - c.  the concise explanation contained in the specification of the present application at page 1,
  - d.  the concise explanation set forth in the attached English language abstract,
  - e.  the concise explanation set forth below or on a separate sheet attached to the reference:
5.  A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Dominic WALSH et al.

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

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June 16, 2005

Sheet 1 of 1

## INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (*modified*)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(*Use several sheets if necessary*)

Date Submitted to PTO: June 16, 2005

ATTY DOCKET NO.  
2005\_0985ASERIAL NO.  
NEW**10/539348**APPLICANT  
Dominic WALSH et al.FILING DATE  
June 16, 2005

GROUP

## U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL |    | DOCUMENT NUMBER | DATE    | NAME            | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------|-----------------|-------|----------|----------------------------|
| /J.H./            | AA | 6,087,024 A     | 07/2000 | Whinnery et al. |       |          |                            |
| /J.H./            | AB | 3,897,221 A     | 07/1975 | Salyer et al.   |       |          |                            |
| /J.H./            | AC | 5,958,367 A     | 09/1999 | Ying et al.     |       |          |                            |
| /J.H./            | AD | 4,797,267 A     | 01/1989 | Kuehl           |       |          |                            |
|                   | AE |                 |         |                 |       |          |                            |
|                   | AF |                 |         |                 |       |          |                            |
|                   | AG |                 |         |                 |       |          |                            |
|                   | AH |                 |         |                 |       |          |                            |
|                   | AI |                 |         |                 |       |          |                            |

## FOREIGN PATENT DOCUMENTS

|        |    | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--------|----|-----------------|---------|---------|-------|----------|--------------------|
| /J.H./ | AJ | 0 764 489 A     | 03/1997 | EP      |       |          |                    |
| /J.H./ | AK | 1 074 018 A     | 06/1967 | GB      |       |          |                    |
|        | AL |                 |         |         |       |          |                    |
|        | AM |                 |         |         |       |          |                    |
|        | AN |                 |         |         |       |          |                    |

OTHER DOCUMENT(S) (*Including Author, Title, Date, Pertinent Pages, Etc.*)

|          |              |                               |
|----------|--------------|-------------------------------|
|          | AO           |                               |
|          | AP           |                               |
|          | AQ           |                               |
| EXAMINER | /John Hevey/ | DATE CONSIDERED<br>04/30/2008 |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.H./**